

Ontario, the English sparrow was reported to have fed freely upon the worms during the past season, and in Nova Scotia the writer saw the Vesper Sparrow devouring the caterpillars. Other wild birds which previously have been seen to feed upon the army-worm are the Bobolink, Robin, Meadow-lark, Bluebird, Kingbird, Blue-jay, Flicker, Cat-bird, Phoebe, Cowbird, Baltimore Oriole, Chipping sparrow, Chickadee, and Quail. The Sharp-tailed Grouse, common in Manitoba, feeds on smooth caterpillars, and doubtless would devour the army-worm. The same statement undoubtedly holds good for other birds than the above mentioned, which find their food in the open. The value of protecting our native insectivorous birds will thus be readily seen, and farmers, gardeners, etc., should do all they possibly can to protect them from being shot and their nests from being robbed." — W. L. M.

The Ornithological Journals.¹

Bird-Lore. XVII, No. 3. May-June, 1915.

Bird Photography for Women. By Miss E. L. Turner.—With numerous photographs of British birds.

Bird-Life in Southern Illinois. IV. Changes Which Have Taken Place in Half a Century. By Robert Ridgway.—An admirable discussion of decrease in birds in general and of this region in particular.

Migration of North American Birds. By W. W. Cooke.—Brown Creeper and Gnatcatchers. Plumage notes by F. M. Chapman, colored plate by Fuertes.

Bird-Friends in Arizona. By W. L. and Irene Finley.—Contains a splendid series of photographs of desert birds followed by a similar article in the July-August issue.

Bird-Lore. XVII, No. 4. July-August, 1915.

The Making of Birdcraft Sanctuary. By Mabel Osgood Wright.

Louis Agassiz Fuertes.—Painter of Bird Portraits. By F. M. Chapman (from the American Museum Journal).

Our Tree Swallows. By M. Louise Brown.

How the Sapsucker rears its Young. By C. W. Loveland.

The Kingbird — Educational Leaflet by T. G. Pearson, with colored plate by Horsfall.

The Condor. XVII, No. 3. May-June, 1915.

A Summer at Flathead Lake, Montana. By Aretas A. Saunders.

An Apparent Hybrid between Species of the Genera *Spatula* and *Querquedula*. By H. S. Swarth.—A male shot at Del Rey, Cal., Dec. 13, 1914.

An Annotated List of the Birds of Kootenai County, Idaho. By H. J. Rust.—149 species listed.

¹ The name of the editor and publisher of each journal will be found in the January number of 'The Auk.'

The Condor. XVII, No. 4. July–August, 1915.

Nesting of the Bohemian Waxwing in Northern British Columbia. By Ernest M. Anderson.

Notes on Some Birds of Spring Canyon, Colorado. By W. L. Burnett.

Woodpeckers of the Arizona Lowlands. By M. French Gilman.—A particularly interesting and well illustrated paper.

Further Notes from the San Bernardino Mountains. By A. van Rossem and W. M. Pierce.—Notes on 34 species.

The Wilson Bulletin. XXVII, No. 2. June, 1915.

Notes on the Red-winged Blackbird. By Ira N. Gabrielson.

Notes from the Laurentian Hills [Quebec]. By L. McI. Terrill.—Nesting of Yellow-bellied Flycatcher, Golden-crowned Kinglet and Blackburnian Warbler.

Corrections and Additions to the Preliminary List of the Birds of Essex County, N. J. By L. S. Kohler.

A List of the Birds of Clay County, South Dakota. By S. S. Visser.

The Oölogist. XXXII, No. 5. May 15, 1915.

The Nesting of the Western Goshawk. By E. R. Forrest.

The Oölogist. XXXII, No. 6. June 15, 1915.

Farralone Rail. By E. E. Sechrist.—Nesting near San Diego, Cal.

The Elusive Kentucky Warbler. By A. J. Kirn.—Nesting in Oklahoma.

The Oölogist. XXXII, No. 7. July 15, 1915.

The Northern Raven [breeding in Pennsylvania]. By S. S. Dickey.

As a supplement to this issue is published "A Bibliography of Scarce or Out of Print North American Amateur and Trade Periodicals Devoted More or Less to Ornithology." By Frank L. Burns. This is a valuable compilation of 147 titles, and is more than a mere bibliography of the journals since the more important articles in many of them are cited.

The list is of course not exhaustive, although probably all the journals of any value are included. It would however have added to its value if the author had stated whether the journals mentioned were only such as he had personally handled and verified, or all of which he was able to secure information. Mention might be made here of a similar catalogue published by Wm. J. Fox, assistant librarian of the Academy of Natural Sciences of Philadelphia, in the Bulletin of Bibliography, April, 1908.

The Oölogist. XXXII, No. 8. August 15, 1915.

Nesting of the Yellow Rail in North Dakota. By F. Maltby.

Nesting of the Greater Yellowlegs in Manitoba. By F. S. Norman.

A Systematic Study of the Diving Process of *Erismatura jamaicensis*. By A. Cookman.

Proceedings of the Nebraska Ornithologists' Union. Vol. VI, Part 3. July 10, 1915.—Contains reports of the sixteenth Annual Meeting and on Bird Migration at Lincoln, Neb., spring, 1913.

The Ibis. X Series. Vol. III, No. 2. April, 1915.

Notes on the Ornithology of the Matopo District, Southern Rhodesia.

By L. Beresford Mouritz.—An annotated list of 237 species, completed in the July number.

Notes on the Ornithology of Cyprus. By F. R. S. Baxendale.—Thirty-eight species considered.

Report on the Birds collected by the late Mr. Boyd Alexander during his last Expedition to Africa. Part III. The Bird of Annobon Island. By D. A. Bannerman.—17 species.

On a Collection of Birds from British East Africa and Uganda, presented to the British Museum by Capt. G. B. Cosens.—Part II. Accipitrimorphes — Cypseli. By C. H. B. Grant. With Field Notes by the Collector W. P. Lowe.—This installment brings the list of species up to 170. Under a number of species all of the subspecies are considered and many questions of synonymy worked out. *Irrisor erythrorhynchus ruwenzore* (p. 286) from Ruwenzori is described as new. In the July number the groups Colii-Pici are considered and the list carried to 212. The same careful study of allied races marks this part also.

The "Mauritius Hen" of Peter Mundy. By W. L. Sclater.—Interesting comments on the references to the Dodo and "Mauritius Hen" (*Aphanapteryx brækii*) an extinct Rail, in the recently published 'Travels' of Peter Mundy

Coloration as a Factor on Family and Generic Differences. By Percy R. Lowe.—This is the full text of Mr. Lowe's address before the British Ornithologists' Club already noticed.

Mixed Bird-parties. By C. F. M. Swynnerton.—An interesting description of such assemblages in various parts of the world, which are explained on the basis of systematic coöperative hunting.

A Note on *Loxia pytyopsittacus* Bork. By C. B. Ticehurst.—Plea for its recognition as a valid form.

The New B. O. U. List of British Birds. By Dr. E. Hartert.—A valuable review by the principal author of the British 'Hand-list' which emphasizes the opinion expressed in these columns that differences in bird names today are dependent mainly on questions of ornithology rather than of nomenclature. Several corrections to the 'List' are also given in the Correspondence columns.

The Ibis. X Series. Vol. III, No. 3. July, 1915.

Notes on Bird-Migration at the Mouth of the Yenesei River, Siberia, as observed in the autumn of 1914. By Maud D. Haviland.—An important paper, among other statements the author says "any acceleration or delay in the annual shrinkage of the Polar ice-cap must react to the extent of 200 or 300 miles perhaps in the restriction or extension of the summer range of a species."

The Birds of Cameroon Mountain. By David A. Bannerman.—This is Part IV of the reports on the late Mr. Boyd Alexander's collections. Sixty-five species are listed. A list of species known to have been obtained about the base of the mountain is added.

Notes on Some Waders. By Ernst Hartert and Annie C. Jackson.—

A critical consideration of several species of *Charadrius*. *C. alexandrinus seebohmi* (p. 529) Aripo, northern Ceylon, is described as new and the type of "*Ægialitis homeyeri*" is shown to be made up of portions of two species.

On Some Petrels from the North-east Pacific Ocean. By G. M. Mathews and Tom Iredale.—As the authors state this is practically a 'remontographing' of certain genera in the course of which *Bannermania* (p. 578) is proposed as a new genus for *Oceanodroma hornbyi*, the type of which still remains unique; also *Cymochorea owstoni* (p. 581), Yokohama Bay, Japan; *Puffinus bannermani* (p. 594), Bonin Isl.; *Neonectris griseus pescadoreis* (p. 602), Pescadores Isl.; *N. g. missus* (p. 603), Kuril Isl.; *Bulweria bulweri pacifica*, (p. 607), Bonin Isl.; *Calonectris* (p. 592) for *Puffinus leucomelas*; *Microzalias*, (p. 597), for *P. nativitatis*.

Studies on the Charadriiformes.—I On the Systematic Position of the Ruff (*Machtes pugnax*) and the Semipalmated Sandpiper (*Ereunetes pusillus*), together with a Review of some Osteological characters which differentiate the *Eroliinae* (Dunlin group) from the *Tringinae* (Redshank group). By P. R. Lowe.—Both of these birds in osteological characters are unquestionably members of the *Eroliinae* whereas they have been universally regarded as *Tringinae* in their affinities.

Bulletin of the British Ornithologists' Club. No. CCVI. April 28, 1915.

Mr. D. A. Bannerman describes *Dryoscopus angolensis cameroonensis* (p. 105) Cameroon Mountain; Dr. Van Someren proposes *Apalis nigriceps collaris* (p. 107) from Uganda.

Mr. C. F. M. Swynnerton discusses the coloration of eggs and the mouths of nestlings, and suggests that to a certain extent these may be due to protective mimicry. Certain eggs are found to be distasteful to 'egg-enemies' and others similarly colored may be cases of mimicry. The coloration of the mouths of certain nestlings was considered as the possible result of warning coloration. Mr. Stuart Baker opposed these theories.

Bulletin of the British Ornithologists' Club. No. CCVII. May 28, 1915.

Dr. van Someren (p. 116) described the following new birds from Uganda, *Cuculus mabiræ*, *Scoptelus pallidiceps*, *Bleda exima ugandæ*.

Dr. P. R. Lowe described a downy young of *Chionis minor* and stated that the osteology of the bird showed distinct affinity to the Skuas.

Mr. D. A. Bannerman presented a revision of the *Puffinus kuhli* group describing as new *P. k. fortunatus* (p. 120) from the Canary Islands. He recognizes five races, reducing the American *P. borealis* to a race of *kuhli*.

Bulletin of the British Ornithologists' Club. No. CCVIII. July 7, 1915.

Dr. van Someren described the following new birds from Uganda; *Turdus ugandæ* (p. 125), *Turdinus albipectus minutus* (p. 126); *Macropschencus flavicans ugandæ* (p. 126); *Chlorocichla gracilirostris chagwensis* (p. 127); *Andropadus ugandæ* (p. 126); *Chlorocichla indicator chlorosaturata* (p. 127). The meeting was mainly devoted to a discussion on "The Effect of Environment on the Evolution of Species."

British Birds. VIII, No. 12. May 1, 1915.

The B. O. U. List of British Birds.— An interesting and instructive review by the authors of the 'Hand List.'

British Birds. Vol. IX, No. 1. June 1, 1915.

Additions and Corrections to the 'Hand-List of British Birds.' By the Authors.— This corresponds to an 'A. O. U. Supplement' but is commendably fuller in discussion of details of nomenclature, etc.

Notes on the Breeding Habits of the Gray Phalarope [*Phalaropus fulicarius*]. By Maud D. Haviland.— With photographs taken at the mouth of the Yenesei.

British Birds. IX, No. 2. July 1, 1915.

Notes on the Moults and Sequence of Plumages in Some British Ducks. By Annie C. Jackson.— This is an exceedingly valuable contribution to a mooted problem and it is gratifying to find that after the examination of a large lot of material the author comes to the conclusion that "in the ducks, 'colour change' plays no part and, that the different plumages are simply and naturally acquired by a moult only."

The central tail feathers of the Mallard which Mr. Millais in his 'British Diving Ducks' cites as evidence of color change are found to be molted twice a year instead of once as he supposed, which disposes of any necessity for color change.

Mr. T. Iredale and Dr. Hartert discuss certain questions of nomenclature. Two of these affect the 'A. O. U. Check-List' and demand our consideration, *i. e.*, *Hirundo* vs. *Chelidon*, and *Colymbus* vs. *Podiceps*. We consider that Mr. Iredale and the 'B. O. U. List' are correct in both instances. The type of *Hirundo* is *rustica* and that of *Colymbus* is *arcticus* both fixed by Gray. Dr. Hartert's plea that "Gray's action *in this case* should be rejected, because he was in ignorance" of the work of others, is the same old argument for exceptions to the rule. If we do not "construe" rules "rigidly," why have rules at all?

British Birds. IX, No. 3. August 2, 1915.

Notes on a Long-eared Owl Nesting on the Ground in Norfolk. By J. H. Gurney and Miss E. L. Turner.— With photographs from life.

Aviculture Magazine. VI, No. 7. May, 1915.

Patagonian Plovers and Trumpeter Birds. By Mrs. Gregory.

Spring Bird-notes from Various Scottish Islands. By The Duchess of Bedford (concluded in No. 8).

Jottings on Common Indian Birds. By Aubyn Trevor-Battye (concluded in No. 8).

Avicultural Magazine. VI, No. 8. June, 1915.

The Bird Market of Caracas. By Albert Pain.

Avicultural Magazine. VI, No. 9. July, 1915.

The Mikado Pheasant (with colored plate). By Mrs. Johnstone.

Cuckoo's Habits in the Breeding Season. By H. D. Astley.

Avicultural Magazine. VI, No. 10. August, 1915.

Birds in Flanders. By Dr. B. E. Potter.

- Bird Notes from the Fjords. By R. Staples-Browne.
- The Emu.** XV, Part 1. July, 1915.
- On the Comparative Osteology of *Orthorhamphus magnirostris* (the Long-billed Stone-Plover). By R. W. Shufeldt.
- New Records for South-Western Australia. By W. B. Alexander.
- Rookeries of the White-breasted Cormorant (*Phalacrocorax gouldi*). By A. W. Swindells.
- Lewin's "Birds of New South Wales." By G. M. Mathews.
- Descriptions of Nests and Eggs New to Science. By H. L. White.
- Descriptions of Nests and Eggs of *Monarcha canescens* and *Neochmia gebracton albiventer*. By W. Macgillivray.
- Observations around Anglesea, Victoria. By H. A. Purnell.
- The Emu.** XIV, Part 4. April, 1915.
- An Expedition to the Musgrave and Everard Ranges. By Capt. S. A. White.— A region previously unexplored and found to be exceedingly dry owing to an almost continuous drought of nine years, 94 species listed.
- Notes on the Genus *Pycnoptilus*. By F. E. Howe.— With excellent photographs of the nest and bird.
- Birds of Wangaratta District, Australia. By Miss Gladys M. Cheney.— Annotated list of 204 species.
- Further Notes on the Emu Wren (*Stipiturus malachurus*). By Miss J. A. Fletcher.
- Nine half-tone plates of Australian Cuckoos' eggs with the sets in which they were found, illustrate an article which appeared in the January number and incidentally show what striking differences are often exhibited in the color of the egg of the Cuckoo and the birds upon which it is parasitic.
- The South Australian Ornithologist.** Vol. II, Part 2. April, 1915.
- Birds of the Cairns District, Queensland. No. 2. By G. M. Mathews.
- Birds Observed at Stonyfell, S. A. By R. Crompton.
- Another New Bird for Australia. By S. A. White. — *Acanthiza marianae* (p. 45) N. W. Australia.
- A Sketch of the Life of Samuel White — Ornithologist. By S. A. White (concluded in Part 3).
- The South Australian Ornithologist.** II, Part 3. July, 1915.
- Birds of the Cairns District, Queensland, No. 3. By G. M. Mathews.
- Grebes as Feather-eaters. By F. R. Zeitz.
- The Austral Avian Record** III, No. 1. June 30, 1915.
- On *Columba pallida* Latham. By G. M. Mathews — with a reproduction of the original plate in colors.
- On the Ornithology of the Dictionnaire des Sciences Naturelles (Levrault). By G. M. Mathews and T. Iredale.— The authors do not claim that their list is absolutely complete and we are able to call attention to one oversight. A new genus *Aethia* (Vol. I, Suppl., p. 71) based upon *Alca cristatella*.
- Raperia godmana*. A New Bird from Lord Howe Island. Now Extinct. By G. M. Mathews. Genus and species new (p. 21).
- Two new subspecies. By G. M. Mathews.

Ixobrychus minutus victoria (p. 24) Geelong, Vic.; *Ethelornis magnirostris whillocki* (p. 24) Port Hedland, Mid-west Australia.

Revue Francaise d'Ornithologie. VII, No. 71. March 7, 1915.

On Hybridization in the genus *Paradisca*. By A. Menegaux — suggested as a possible explanation of certain "intermediate" species.

Birds and the Cholera. By X. Raspail.

Study of a Collection of Birds from India. By A. Engel (continued in April and May).

Revue Francaise d'Ornithologie. VII, No. 73. May 7, 1915.

Song Birds of the Environs of Vendome. By E. Coursimault — continued in June number.

Revue Francaise d'Ornithologie. VII, No. 74. June 7, 1915.

List of Birds Observed in Marocco, 1884-1914. By Hans R. Vaucher — continued in July number.

Observations on the Birds of the Dunes of Newport, Belgium. By Count de Tristan.

Messenger Ornithologique. VI, No. 2. 1915.

Birds of Ussuri-land. By S. A. Buturlin.— Contains the following new form, *Perisoreus infaustus maritimus* (p. 104) Samargi River.

Remarks on the Avifauna of the Province of Kouban. By E. S. Ptouchenko.

Erythropus vespertinus transrhipæus nom. emend. (p. 126). By S. A. Buturlin.— In place of *E. v. obscurus* v. Tschusi (p. 128).

Uragus sibiricus ussuriensis subsp. nov. (p. 128). By S. A. Buturlin. Lake Khanka.

Pinicola enucleator sakhalinensis subsp. nov. (p. 129). By S. A. Buturlin. Chakvo, Saghalien.

Nucifraga caryocatactes altaicus subsp. nov. (p. 131). By S. A. Buturlin. Altaiskaia, Altai.

Strix uralensis yenesseensis subsp. nov. (p. 133). By S. A. Buturlin. From Krassnoyarsk.

A New Wryneck.— *Jynx torquilla harterti* subsp. nov. (p. 135). By G. I. Poljakov.— From S. W. Altai.

A New Waxwing — *Bombycilla garrulus centralasiæ* subsp. nov. (p. 137). By G. I. Poljakov — Zaissan district.

Pinicola enucleator altaicus subsp. nov. (p. 139). By G. I. Poljakov and S. A. Buturlin. Finn Lake, Marka Kul, S. W. Altai.

Contribution to the Geographic Distribution of the Genus *Sitta*. By J. B. Domaniewski. — A new form, *Sitta europæa sztolcmani* (p. 142) is described.

The Name of the Siberian Herring Gull. By S. A. Buturlin.— *Larus taimyrensis taimyrensis* Buturl. for the eastern race and *L. t. antelius* (Iredale) for the western.

On the White-winged Magpie (*Pica pica bactriana* Bp.) as a distinct subspecies.

Ornithologisches Jahrbuch. XXV, 5-6, September-December, 1914.

- Contribution to the Ornithology of Sirmien. By E. Rossler.
 On the Avifauna of the Upper Otzthaler Alps in Tyrol. By C. E. Hellmayr.
 Migration of *Mormon arcticus* in the Mediterranean Region. By A. v. Jordans.
 Ornithological Observations in the Vicinity of Jerichow. By U. Bährmann.

Journal für Ornithologie. Vol. 63, Heft 2. April, 1915.

Bernard Hantzsch's Ornithological Collections from Baffinland. By Eric Hesse.— 38 species listed and discussed at length. The relationships of the Snow and Blue Geese are considered.

Wing Feather Characteristics in the Birds of North West Germany. By H. Reichling.

Remarks on the Eggs of Birds of Paradise. By H. Schalow.

Ornithologische Monatsberichte. May, 1915.

New Birds from the Eastern Frontier of Cameroon. By O. Neumann. — *Francolinus bicalcaratus adamauæ* (p. 73), Garna Adamaua; *Palæornis krameri centralis* (p. 73) Gondokoro, *Caprimulgus houyi* (p. 73) Bodanga; *Crateropus reinwardti houyi* (p. 74) Gore, N. E. Cameroon.

Ornithologische Monatsberichte. June, 1915.

New African Species. By A. Reichenow. *Bucanodon leucogrammicum* (p. 90), Sanyi, German E. Afr.; *Barbatula leucolema urungensis* (p. 91), Urungu, s. end of Tanganika; *Malaconotus olivaceus pallidirostris* (p. 91), Patugese Guinea; *Campephaga quiscalina münzneri* (p. 91) Mahenge, German E. Africa; *Dicrurus münzneri* (p. 91) Sanyi, German E. Africa; *Cinnyris hofmanni* (p. 91), Magogoni, German E. Africa; *Chlorophoneus münzneri* (p. 91), Sanyi.

Ornithological Articles in Other Journals.¹

Anderson, R. M. Canadian Arctic Expedition, 1913-14 and Preliminary List of Birds Collected (Summary Report Geol. Survey, Canada, 1914). — 52 species.

McGregor, R. C. Description of a New Species of *Prionochilus* from the Highlands of Luzon (Philippine Jour. of Sci. IX, 6. Nov. 1914).— *P. anthonyi*, Polis Mt., Luzon (p. 531) with colored plate.

Cole, L. J. and Kirkpatrick, W. F. Sex Ratios in Pigeons, together with Observations on the Laying, Incubation and Hatching of the Eggs. (Bull. 162, Agr. Exper. Sta., R. I. State College.)

Taverner, P. A. Suggestions for Ornithological Work in Canada. (Ottawa Naturalist, April and May, 1915.)

¹ Some of these journals are received in exchange, others are examined in the library of the Academy of Natural Sciences of Philadelphia. The Editor is under obligations to Mr. J. A. G. Rehn for a list of ornithological articles contained in the accessions to the library from week to week.